

DOVER AREA SCHOOL DISTRICT

COMPUTER CURRICULUM PLANNED INSTRUCTION/CURRICULUM GUIDE

PART A

COURSE DESCRIPTION: First grade computer instruction is intended to provide an opportunity for students to familiarize themselves with a computer and its functions in the classroom and the computer lab.

GRADE(S): 1

COURSE LENGTH: 1 Year

DURATION: As Stated

FREQUENCY: As Stated

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TIME (WEEKS/CLASSES)	UNIT CONTENT/CONCEPTS/ PROCESS	STATE STANDARD (NAT. STANDARD)	INSTRUCTIONAL STRATEGIES, LEARNING PRACTICES ACTIVITIES AND EXPERIENCES	MATERIALS AND RESOURCES
2 classes	Parts of a Computer <ul style="list-style-type: none">• Monitor• Keyboard (location/ function of space bar, enter key)• Mouse• CPU• Printer	3.7.1 C	Story and discussion, visual aids, hands-on experience, and demonstration.	Charts/posters, literature
2 classes	Care and maintenance of a computer/lab <ul style="list-style-type: none">• No food or drink around computer.• Clean hands.• Keep foreign objects out of the parts of the computer.• Keep computer area organized.• Follow directions.• Follow lab rules.	3.6.1 DS1	Discussion, teacher demonstration, and student demonstration in lab.	Poster stating user responsibilities.

TIME (WEEKS/CLASSES)	UNIT CONTENT/CONCEPTS/ PROCESS	STATE STANDARD (NAT. STANDARD)	INSTRUCTIONAL STRATEGIES, LEARNING PRACTICES ACTIVITIES AND EXPERIENCES	MATERIALS AND RESOURCES
1 class Ongoing reinforcement	Technology – World application awareness <ul style="list-style-type: none"> Modern uses of computer, MAC machines, banks, grocery store, businesses, schools, etc. 	3.8.1 B P	Literature, discussion, brainstorming, chart (KWL, lists, etc.)	Literature (books, magazines, newspapers)
4 classes	Terminology <ul style="list-style-type: none"> File, exit, start, shut down, quit, restart Log in-log out, reboot (according to lab/classroom procedures) 	3.7.1 C 3.7.1 D	Discussion, teacher demonstration, and student demonstration in lab.	Display device for demonstration, teacher created poster or chart based upon lab/classroom procedures.
4 classes	Basic graphic movement and mouse manipulation <ul style="list-style-type: none"> Click, double click, drag, using Icons 	3.7.1 C 3.7.1 D	<i>Compass</i> programs (<i>George Tutorial</i> , <i>Story Book Maker</i>), teacher demonstration, and student demonstration in lab.	Display device for demonstration, teacher created poster or chart based upon lab/classroom procedures, and Tutorial computer program (<i>Compass</i>)
4 classes Ongoing reinforcement	Finger Awareness <ul style="list-style-type: none"> Left and right sides of keyboard and home row key awareness. 	3.6.1 DS2	Discussion, teacher demonstration, and student demonstration in lab. <i>Type to Learn, Jr.</i>	Poster or chart showing keyboard and home row keys, instructional keyboarding program

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PART B

GRADE: 1

OPPORTUNITIES FOR INTEGRATION	ENRICHMENT, AND EXPANDED OPPORTUNITIES	REMEDIATION AND INTERVENTION STRATEGIES	ASSESSMENTS AND PORTFOLIO OPPORTUNITIES
Use of literature based upon technology Story creation/writing assignments Respect for environment/equipment	Story creation/writing assignments Leveled <i>Compass</i> assignments.	Leveled <i>Compass</i> assignments.	Pictorial assessment Teacher observation